

The Hampden-Sydney Tiger

"The Hampden-Sydney student will behave as a gentleman at all times and in all places."

August 26, 2019

Issue XCIX.12

The End of an Era: Anita Garland Retires

Raymond LeBlanc '22
Staff Writer

"She is an institution," exclaimed Dr. Ryan Pemberton '00 after I had asked him about his interactions with her. Countless times, the College's students, alumni, faculty, and staff of the college have expressed an utter lack of words to describe Dean of Admissions Anita Garland's impact on every person who has attended or even interacted with Hampden-Sydney in the past four decades. An icon, a mentor, and an inspiration, Dean Garland truly is an institution and has established herself on this campus as so much more than just the characteristic calligraphy and warm, welcoming speeches to admitted students. As the sun sets on her retirement as Vice President of Admissions, it is only fitting to capture an image of her legacy to honor and appreciate the place she leaves for all members of this community.

Featured in Inside Higher Ed for her "personal touch", Dean Garland has been commended for her commitment to excellence in the recruitment process. All of us who have taken The Hill know how her person-

alized calligraphy reveals the sincerity that she delivers in every acceptance letter. As new Dean of Admissions Jason Ferguson '96 said in an interview, "we see alumni posting that they have kept that acceptance letter, and I would bet that there's not many if any other colleges where people are like 'oh yeah, I've got my acceptance letter from Alabama, Virginia, Mac o n .'" That acceptance letter opens students' eyes to our community and sets parents

at ease when they know that there really is a nurturing and personal figure who will make sure their young man is okay. Associate Dean of Admissions Connor Rund

'13 says, "she sends so much calligraphy that people don't realize all that goes into it,

ment for that student." Last year at an admissions event in Charleston, South Caro-

into the air. This first step for incoming students ignites the process of creating the immense network that Hampden-Sydney takes great pride in having; this impact truly cannot be put into words due to the countless opportunities that it creates for current students and alumni.

Even though Garland has accepted and introduced more than seventy percent of our monumental alumni, her presence on campus im-

ing the mission of the college to create good men and citizens." Whether Garland embodied her passion for Hampden-Sydney through the passing kind-word, mentoring those she worked with, or building lifelong relationships effortlessly, she always made members of the college feel welcome. Ferguson, who has worked with Garland for twenty-six years, said "I could never ask for a better mentor. The amount of knowledge that she has imparted on me is uncanny, not just from the admissions standpoint, but how to conduct yourself professionally, how to be a better father, how to be a better friend." These are the characteristics that Garland values and has instilled on the people that spend time around her.

In an interview with Ferguson, we spoke about what the recruiting process will look like in the future. He stated that "one thing that we're doing now with our transition of leadership, we are going to start keeping up with the times, but we will not neglect the fundamentals of recruiting that she has imparted here because we know that personal touch means so much." The personal touch



Source: www.bsc.edu/garland-retires

but if you walk into her office while she is doing it, it is wizardry. It is unbelievable. The precision, creativity and flair. Every pen stroke is a true outpouring of excite-

lina, Rund was introducing Garland. He asked the audience to show hands if their college decision was impacted by Garland, and every single hand at the venue shot

pacts individuals daily. Sophomore Sam McLean put it this way; "we as students can only hope to do half as much as we give back our time and efforts in further-

In This Issue...Interviews, Football, Research, and More!

Pannill Center for Rhetoric and Communication Opens



Source: Elijah Edwards

Elijah Edwards '22
News Editor

On Monday, September 9th, the Rhetoric Program plans to open the new Pannill Center for Rhetoric and Communication (PCRC), centralizing the program in the heart of campus, and providing a space for students to work collaboratively on multimodal forms of rhetoric.

The Center is 11,500 square feet, and includes three classrooms, presentation practice rooms, and shared spaces for students to practice their rhetorical skills. It also houses the Rhetoric Program's new Rhetoric Studio (RS), which combines the Writing and Speaking Centers and allows students to receive consultations on multimodal

forms of communication in the same space.

The new studio also provides services focusing on Digital Rhetoric. Students can now receive assistance and feedback in composing and presenting forms of com-

and data imaging. Students interested in working with modes of digital rhetoric can speak with Dr. Jake Eute-neuer, the Rhetoric Program's new digital rhetorician, in the Rhetoric Studio.

This multimodal approach

"The RS seeks to meet the needs of its 21st Century students by providing services focused on helping students navigate digital platforms of communication."

munication via digital media. Instead of formal essays and speeches, the RS encourages students to explore various digital media, including but not limited to websites, podcasts, digital audio, digital video, social media, infographics,

to rhetoric reflects current trends and demands in rhetoric studies towards embracing the increased presence of digital media. The RS seeks to meet the needs of its 21st Century students by providing services focused on help-

ing students navigate digital platforms of communication.

However, the new studio has not only expanded the Rhetoric Program's scope into digital rhetoric, but also expanded its intended clientele.

In a recent correspondence with Dr. Claire Deal, Interim Director of the Rhetoric Studio, she explained that the goal of the new studio is "to assist students in the creative process of de-signing and drafting both informative and persuasive communication projects across all disciplines at the college."

Deal explained that, "In the WC [Writing Center] and FCPS [Ferguson Center for Public Speaking], we did have students coming in from disciplines other

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FEATURE

2023 Class Size: No Big Deal or Cause for Concern?

Jonah Popp '21
Staff Writer

While we will not know the exact number of freshmen until classes begin, it is no secret that the Class of 2023 is much smaller than classes in previous years; currently that number is at about 240. Could this be a bad sign for Hampden-Sydney? New Dean of Admissions, Jason Ferguson '96 does not think so. When asked if this freshman class size should be cause for concern, he answered with: "Should the Student Body be worried? No. Hampden-Sydney is just as strong now as when we opened our doors in 1775." That is a bold claim to make, but he has good reason for making it. For example, as he pointed out, "a majority of the independent colleges and universities in Virginia are also down in deposits this year."

"Should the Student Body be worried? No. Hampden-Sydney is just as strong now as when we opened our doors in 1775."

When faced with tough times or unexpected situations, we tend to assume the worst, but this class size

seems to be an anomaly, and our school is none the weaker for it. Questions start popping into our heads: Is this the dying breath of all-male institutions? Could it be that no one wants to live in Farmville? (See my article from last year's March issue about things to do in Farmville, especially you new freshmen.) Maybe we as a school have lost something that once made us special?

But these doubts have no foundation and should be ignored. In Hampden-Sydney's current state, we as a community are prepared

to keep forming good men and good citizens for centuries to come. For instance, the rhetoric program, a cornerstone of our education program which sets us apart from other institutions, is receiving a massive upgrade this year, and it is physical proof that Hampden-Sydney College is not slowing down anytime soon.

In addition, Gor

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Hampden-Sydney Welcomes New Area Coordinator for Equity, Inclusion, and Programming

Wyatt West '21
Sports Editor

In the days before Fall classes began, I had the privilege of sitting down to chat with our very own Nicole Alston, the College's new Area Coordinator for Equity, Inclusion, and Programming. To begin, I would just like to say that we all absolutely lucked out with having such a brilliant, forward thinking, and conscientious humanitarian at our school. Many Hampden-Sydney students might be staggered at the idea of having an Office of Equity and Inclusion here at H-SC because of the forceful

and polarized political climate today. I want to emphasize that

back to the courageous men and women that paved the road that allowed her to be where she is today." Since a lot of us don't necessarily know what Equity and Inclusion means, I asked

"...equity and inclusion means the right for everybody to have the same opportunity and needed assistance to have rights to get a job and a home: that's what my goal is."

that her "number one passion is to help our youth and give

Alston to qualify what it means for her. It's particularly

important that we understand what it means for Alston, because she stands at the forefront of progress for our school. She said that "equity and inclusion means the right for everybody to have the same opportunity and needed assistance to have rights to get a job and a home: that's what my goal is." Not only that, but she also added that many people have a profound misunderstanding of what equity and inclusion means, and those same people will try to take away

privileges and rights from others. For her, "it's about being able to live one's life without fear of persecution. It's not about giving one group more power than another. It is you have the right to live and love—freely." I'll tell you right now, our school generally does a fabulous job of being inclu-

sive and welcoming all kinds of different ideas. Think about it for a second. For the most part, we know everyone on campus or at least interact with everyone at some point or another. It's incredibly hard for us to just block out all different ideas and keep to ourselves. We need the perspective of our peers, because, even though it might be different, it will open up our minds and our hearts to

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Pannill Center Continued

than Rhetoric, but that wasn't the norm. In the new space, we invite students in all disciplines — the humanities, sciences, and social sciences — to come to the RS [Rhetoric Studio] and work with our consultants at any stage of their projects, and to come early and often."

In addition to the broader interdisciplinary appeal and use of space in the PCRC, Deal also elaborated on the variety of things students can do within the Studio.

"Students are welcome to visit the Rhetoric Studio at any stage of their projects. For example, students can visit to brainstorm topics and ideas; conduct research, hone thesis statements; outline a project, speech, or essay; draft and revise; create print and digital documents or visual aids; rehearse and record presentations or creative projects, interview and record oral histories, practice interviewing skills, and more."

Even without a speech or essay, "we welcome students who just want a place to hang out and work alone if they prefer to come on in," said Deal.

"Too, students might choose to work in the common area of the PCRC (the Ellipse), and then pop in the RS if they have a quick question or want to access some of

"...students might choose to work in the common area of the PCRC (the Ellipse), and then pop in the RS if they have a quick question or want to access some of our instructional handouts."

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This setup is like the old Writing Center, as students could work in its common area, ask quick questions to tutors and professors, and access instructional handouts. However, the new Rhetoric studio broadens its use of space and potential.

During a brief interview with Dr. Shawn Schooling, former director of the Writing Center, Schooling mentioned the flexibility of the PCRC as an "evolving space". Because of its newness, the space possesses a significant potential and free range for growth that earlier centers for rhetoric on campus lacked.

Schooling explained that, about 20 years ago, the Speaking Center was originally located next to the elevator in the hallway in the basement of Morton Hall. Whenever someone would use the elevator, its "ding" would disrupt the recording of practice speeches, and students would have to restart. The Speaking Center since established itself as the Ferguson Center for Public Speaking in the Walter M. Bortz III Library, but the Writing Center remained in the basement of Morton Hall.

Now, the Rhetoric Program has not only combined and changed the locality of the Writing and Speaking Centers but also reoriented their pedagogy from "center" to "studio," which echoes Dr. Schooling's explanation of the studio as an "evolving space."

Deal explains that "studio pedagogy" "involves active and engaged collaborative learning where students and consultants work together in a supportive, informal, and comfortable environment."

Evidently, the new studio maintains the informal space of the old Writing Center, but incorporates a more dynamic, collaborative, and comprehensive approach.

"The new space offers moveable seating and access to technology to allow students to work one-to-one with a consultant, in pairs, or in small groups. Studios can be 'messy spaces' of exploration, innovation, and, at times frustration — and we imagine the Rhetoric Studio to be so, as well," says Deal.

One of the most import-

" ' Studios can be 'messy spaces' of exploration, innovation, and, at times frustration — and we imagine the Rhetoric Studio to be so, as well. ' "

ant "messy spaces" within the studio is where students can participate in one-to-one sessions with trained peer-consultants. Dr. Schooling organizes the Rhetoric Studio consultants, several who participated in a special topics pilot class last semester which trained students in the theory and practice of writing centers.

"I'm excited to have students take advantage of the new space that we have . . . Not only will students have and around-the-clock space to work, but they will [also] have all the technological resources that will help them complete their tasks as efficiently as possible . . ." says Junior Wyatt West, one of the participants of last semester's pilot class and current consultant for the Rhetoric Studio.

For both incoming and returning students, Dr. Schooling advises that the best way to get familiar with the space is to bring in a piece of work. He invites students to bring in a project early on and get to know the kind of feedback the Rhetoric Studio can provide. The best way to learn about the PCRC is to use it. Students can find the afternoon Consulting Hours on the school website.

Practice rooms are also available in the PCRC for student use. Students can use the Rhetoric Studio's practice room to practice speeches and interviews with a Consultant

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or rehearse privately in the 2 spaces outside of the studio.

Deal mentions that, "As in the FCPS, the practice rooms are equipped with cameras and projection screens so students can record their rehearsals and then view them as well." Students can access the Rhetoric Studio by continuing down the stairs leading into the Pannill Commons dining hall from the main entrance.

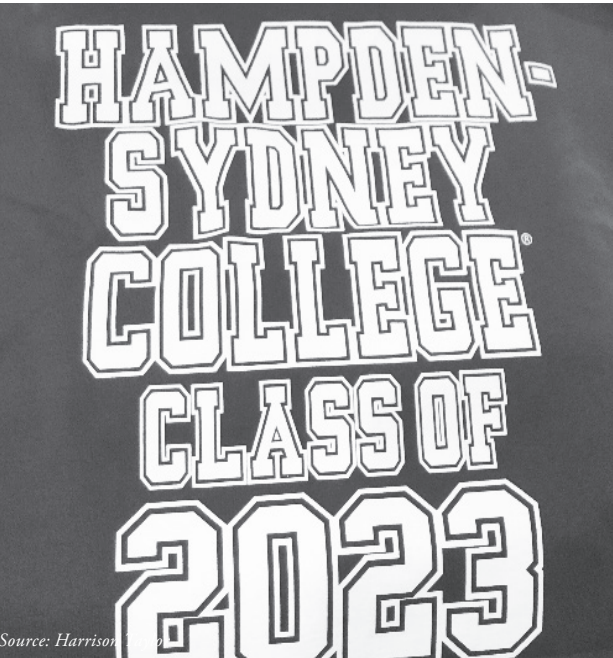
As for the old Writing Center, the computers, printers, and common area will remain a space for student use.

2023 Class Size Continued

don Neal '09, the Director of Communications and Marketing here at H-SC shed some light on how this class size affects the college in a recent interview. He started off saying that although the class size is lower than in recent years, this will be the 19th consecutive year that Hampden-Sydney kicks off the fall semester with over 1000 students enrolled. That is a major accomplishment.

Those numbers prove that the unique learning experience and the shared brotherhood of Hampden-Sydney have stood the test of time. Hampden-Sydney College is just as relevant today as it was centuries ago (perhaps even more relevant, with the increasing death of single-sex insitutions).

To close, I'd like to quote Neal's response to a question I posed concerning



what we as individual students can do to help Hampden-Sydney continue to grow stronger in the coming years: "I also want to stress how important current students are in our recruiting process. The best "marketing" for the College comes from our students.

The word-of-mouth, first-hand testimonials of current Tigers are more effective than any brochure or digital

ad. We encourage every Tiger to spread the word about what an incredible college experience they're having at Hampden-Sydney. Talk to guys back home who are in the college search process, host prospective students on dorm or in class, let your high school counselors, coaches, teachers know about the education you're receiving at H-SC."

Area Coordinator Continued

new ways of thinking. Alston is here to ensure that our great school continues and grows on this track of respecting and allowing different people to "live and love freely."

I asked Alston what she thinks H-SC needs in terms of equity and inclusion, and she said that "it [H-SC] needs someone to listen to it." She emphasized that "the first step of equity and inclusion is listening to what the body needs." She thinks everyone, whether you're in the minority

or in the majority, deserves a voice that is heard. It's about understanding each other and not being afraid to ask questions, because those questions are essential to growing as a loving and open community. Alston empathizes with the reality that people make ignorant assumptions about our school and our students, which is exactly why she thinks that H-SC should be given a voice. In fact, I think that H-SC does a way better job of being welcoming and

The Hampden-Sydney Tiger

Founded 31 January 1920
by J. B. Wall '19

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End of an Era Continued

is something that most if not all Tigers would agree is an aspect of Hampden-Sydney that must never be lost.

She is an icon and the fabric of this campus; Connor Rund says, "the word that I would add to that list is matriarch." Dean Garland's longevity and commitment to our community really shows her sheer enthusiasm for Hampden-Sydney as an institution. She has the courage to believe in what Hampden-Sydney's mission statement says, "to form good men and good citizens in an environment of sound learning." Dean Garland took this mission in stride and was bold enough to strive for a brotherhood full of good men, good communities, and even greater opportunities. Her faith in our brotherhood is amply demonstrated by countless hand-written letters, unsurpassed work ethic, and true attention to detail. As Garland departs, President Stimpert recognizes that, "perhaps more than any other individual in the last 50 years, Anita Gar-



Source: www.hsc.edu/garland-retires

land has shaped the story of Hampden-Sydney College" (Source HSC.edu).

Although she will be missed in her role as Vice President of Admissions, she will still be living on campus, making occasional appearances. Dean Ferguson went so far as to claim, "the college would be making a mistake to not bring her back in some capacity. I love this school, but I cannot hold a candle to the love she brings to this campus, so I would imagine you will see her around." Her spark and energy, her iconic collection of hats, and her adorable pup Bobby are staples that our community looks to for encouragement and high-spirits. And now that she has stepped down from her position, she will be able to attend football games not for business but simply as a member of our fine community. Dean Garland, here's to faith, here's to honor, and here's to many more "Roll Tigers!"

LETTERS FROM LEADERS

President of the College

Larwrence Stimpert
President of Hampden-Sydney College

Welcome to campus and the start of the 2019-20 academic year—Hampden-Sydney’s 244th! I write not only to welcome freshmen and upperclassmen, but also to share some advice about how to make the most of this year and all of your years at this special College.

There are two key predictors of whether your college years will be remarkable or just so-so: 1) finding faculty members who make you excited about learning, and 2) finding a mentor who encourages you to pursue your goals and dreams. You are attending a school that is committed to a very personal form of higher education, so get to know the faculty and staff members of this College—tell them about your goals and dreams and ask for their advice. They will be eager to become your mentors. They will help you develop a love for learning and connect you with opportunities that will enrich your college experience and broaden your world. They will help make your college experience remarkable.

Give everything you do here your best, especially your classes. This college doesn’t have grade inflation, so if you do mediocre work or if you think you can write a good paper the night before it is due, your grade will reflect your effort. I encourage you freshmen to get off to a great start this year. You may already think you want to go on to medical school or to law school or to some other graduate program; it is hard to raise a low grade point average acquired during your first year. At any stage of your Hampden-Sydney education, take full advantage of the staff and resources that are here

to help you successfully navigate the College’s rigorous academic program.

Make the most of the Hampden-Sydney brotherhood. Make friends, and if you already have a great group of friends, meet and become friends with other guys. Above all, make friends with guys who are going to bring out the best in you, guys who will encourage you to act like a gentleman even as you have fun, guys who are smarter than you, or in better shape than you, and especially with guys who have experienced things you haven’t experienced. Stretch yourself. And, be safe. Brothers have a great time with each other, they tease and razz each other, but brothers look out for one another and they finish what they start together. You are your brother’s keeper.

Hampden-Sydney is a leadership factory. We have a special commitment to student self-government and, in many ways, our students run the College. Find or start something here that you care about and get involved. There is hardly anything more essential to your becoming a good man and a good citizen than to take responsibility for making something good happen.

Many of you have already taken on important responsibilities and excelled; you have been team captains, gotten involved in student government, served as RAs, held jobs, and looked after younger siblings. Seek out and take on new leadership roles and responsibilities, and reflect on your effectiveness in those roles. Use your experiences to learn about yourself and how you can become a better and more responsible man and leader. It is common for people to take credit when things go right and to assign blame when things go

wrong, but Harry Truman was right: when you are the leader, the buck stops with you. Take on and own the responsibilities that come with being a campus leader so that you will be better prepared to be an effective leader in the organizations and communities you will serve after graduation.

I will close with an excerpt from a letter sent to me by a rising senior as I was getting ready to start my job here at Hampden-Sydney three summers ago. His words capture the life-changing experience that a Hampden-Sydney education can be for every student: *The transformation I see in myself after only three years is nothing short of astounding. I’ve learned how to work hard and I’ve come to understand no one cares how hard you work because the bottom line is if you’re not producing, it doesn’t matter. I’ve learned how to balance multiple tasks. I’ve learned nobody is willing to fix your mistakes without consequences, so you must take it upon yourself to be responsible. I’ve learned that if you really want something, you must be diligent in your preparation. Finally, I’ve learned perseverance. There were many nights when the next day or the next test seemed impossible, but you can never give up no matter how bad it looks.*

Hampden-Sydney offers all students the same opportunities to learn, grow, and become good men and good citizens—take advantage of them!

Welcome back to the great adventures that await us this year!

Student Senate Chairman

Conner Francis '20
Student Senate Chairman

Welcome back, Tigers! To the new students joining this community, welcome home. My name is Conner Francis, and I have the honor of being the Student Senate Chairman for the upcoming year.

I am a Senior here at the College majoring in Government and minoring in the Public Service program through the Wilson Center for Leadership in the Public Interest. In addition to my role as Senate Chairman, I am the College Republicans Chairman. For those who are unaware of what the Student Senate does allow me to explain: we are in charge of improving student life and advocating on behalf of the students and administration.

The Senate has many responsibilities, including officially creating and dissolving clubs on campus, managing and approving the student finance board’s budget, and making and proposing changes to The Key when necessary. The Senate is composed of twelve members, three per class, elected by each in-

dividual class. As a general rule, the Senate tries to meet at least once a week in our new permanent residence, Room 208 of the Brown Student Center. The meetings are open to the public, and I encourage all students and faculty to come participate and share their thoughts on what can be improved in campus life.

Incoming freshmen, this is my message to you; take chances, make mistakes, and get messy. You are at college; try something new. Join a club, participate in intramural sports, hang out at the fraternity circle, but most importantly be responsible! You are about to join a brotherhood that is older than the Constitution of the United States, older than the country itself. I urge you to keep that thought in mind as you represent generations of Good Men and Good Citizens. It’s up to you to uphold that reputation. It’s a heavy burden, but you are not in it alone. Your professors, alumni, upper-classmen, and classmates are all here to support you and help you grow as a gentleman. It’s more than likely

you will be elected or appointed to a leadership position—one of the benefits of a small college—so cherish every moment of it and grow your skills as a leader.

The last piece of advice I would like to give is this; run for a student government position. The college gives its student government a lot of responsibility and we really need our men in office. I know over the next couple of weeks you will find that Hampden-Sydney is your home. You will be sad to leave for breaks and anxious to get back to campus again. I also guarantee when you go back home to your other friends and family you will not be able to stop talking about this place.

I hope you have a great school year and, as our beloved Dean of Admissions Anita Garland says, “It’s a great day to be a TIGER”!

Honor Court Chairman

John Pittman '20
Honor Court Chairman

One of the hallmarks of Hampden-Sydney is that most of us look forward to our return in August more so than we did to our departures in May. Our time here is brief and trying to make the most of it can stretch us too thin. In any case, I believe that Hampden-Sydney is one of the most wholesome and idealistic places to not only receive an education but also become a man.

I love Hampden-Sydney; I always have. My father is an alumnus, and my brother and I grew up coming to games, never imagining that we would end up coming here for college. For high school, I went to Woodberry Forest, an all-male boarding school in Orange, VA. As a cour-

tesy to my father, I applied to Hampden-Sydney in the fall of 2015. Through the admissions process, I fell in love with campus and saw myself as a student here. Four years later, I have never regretted my decision.

Unable to run for Student Court as a freshman on account of the flu, I finally joined the court as a sophomore, filling the seat of my friend, Ben Anderson, who was stepping down. A year later, I ran unopposed for Chairman and won. I see the duty of the Student Body President, the Student Court Chairman, and the other student offices as absolute servants to the community here, protecting the honorable interests of the students as well as upholding the integrity of Hampden-Sydney’s reputation.

In my experiences in various positions as house manager for SAE, on the Student Finance Committee, as a tour guide for Garnet and Grey, and on the Student Court itself, there are students here who are concerned with how the College makes them look and students here who are concerned with how they make the College look. My advice to any potential public servants of the College is to always be the latter. If you love this place and if you believe in what goes on here, ask yourself how you can help and how your actions will make the College look. Something as simple as observing moderation at a tailgate or as harmless as walking without headphones in can easily change the atmosphere here for the better.

Student Body President

Benton Anderson '20
Student Body President

Welcome back! I hope you all enjoyed your summer break and are ready for another round on The Hill. I look forward to seeing all of you around campus. Freshmen – welcome to Hampden-Sydney! You all have made a great decision in choosing to attend Hampden-Sydney, and I look forward to meeting each and every one of you. Come by my office in Brown Student Center anytime. For those of you I haven’t met, I was born and raised in a small town called Smithfield, VA. Everyone has heard of it because it’s “where all the pigs come from,” but I could not imagine a better place to grow up. I enjoy boating and fishing all around Tidewater when I’m home.

Smithfield is just outside of Norfolk, VA, where I attended a small K-8 grade school called The Williams School. It was in my time I spent there that I learned what the Honor Code is and its importance. The school’s motto has been “Honor before Honors” since its inception in 1927. I didn’t appreciate it as much at the time, but I’ll be forever grateful I had the opportunity to grow up in that environment. To this day, I can attribute many of my daily habits to what I gained during my time there. Maybe I drank the Kool-Aid a little more than others, but I’ve always respected the Honor Code since I was just a little guy. At

H-SC, you can leave your laptop, phone, and books on a table in Bortz Library for an hour while you head down to the dining hall for dinner and not even think twice about someone taking your belongings. It’s not a bad place to live!

After my time at TWS, I spent my next four years at Nansemond-Suffolk Academy in Suffolk, VA. While there I was captain of the varsity football and lacrosse teams, but I also had the opportunity to serve on our high school’s Honor Court. Though very similar to our system here, NSA elects Honor Court members a bit differently than here at H-SC. During homeroom the first week of class in August, the teacher gives everyone a straw ballot with every student’s name and tells the class to pick three. There’s no campaigning or anything like that, just basic trust amongst peers. I didn’t really have any intentions at the time of being on the Honor Court, but I was very humbled to be selected. My time on the Honor Court in high school sparked my interest in running for Student Court once I arrived at Hampden-Sydney.

Ever since I set foot on Hampden-Sydney’s campus, even as a high school student, I knew I wanted to join a fraternity, run for a student government position, and give tours of campus. As I reflect as a rising senior, these are definitely the three extracurriculars I am most passionate about here and I

am fortunate to have been involved in all three. I encourage all of you to get involved in any way you can! During my time here I served as a Student Court Member my freshman and sophomore years. When I started, Blake A was still the courtroom. At the end of my sophomore year, I was elected President and House Manager of Kappa Sigma fraternity for my junior year. After evaluating what my busy junior year was going to look like, I made the difficult decision to step down from Student Court to focus on my studies and my new roles within my fraternity. I still remained involved with the Court on the other side of things as a Student Court Advisor throughout my junior year.

I have also been a Garnet and Grey Society member since my sophomore year. Giving tours of campus is one of my favorite things to do here and I enjoy telling prospective students and their families all about Hampden-Sydney and what it has done for me.

As Student Body President, my primary responsibilities include taking care of overall student welfare and upholding the Honor Code. I took on this role back in March and it has been a humbling experience already—I am excited for what this next year has to bring! I’m looking forward to working alongside our students and giving back to our Hampden-Sydney community in any way I can.

Letter from the Editor

Wade Bredin '20
Editor-in-Chief

Dear Freshmen; It was with bated breath that Hampden-Sydney awaited your arrival. For months now she lay near empty, home to only those bee like students who endeavor to work, rather than dream, their summers away.

Now that you are here, safe and sound, our campus may let free a sigh of sweet relief knowing that a new batch of eager freshmen fill her hallowed halls. I make no unfair presumption by presuming that you are all young men who are preparing to take on all that Hampden-Sydney has to offer. Since we are a Liberal Arts college, you can expect to be taking on (at least) Rhetoric, Western Culture, some Science, some Government, and some language, along with whatever else your minds or grade point considerations gravitate towards.

Outside of class you might also expect to be bombarded with opportunities to advance yourselves intellectually, physically, and socially, of course. There are clubs for philosophy, duck hunting, Republicans, music, Firemen, Christians, fly fishing, video games, debating, outdoor exploration, and much more. There is an active Student Government and Honor Court that require fresh and fair minds

like yours to replace the old guard. Our sports teams call out for sprightly young men who are willing to leave it all on the field. And of course our storied fraternal organizations beckon to those who would make ritual and lifelong secrecy their bedmates. While our campus is certainly delighted to have you here, she does fear your naïveté and positively dreads you making the same mistakes as first semester thinkers the world over.

My advice to you, and you, and to you, dear freshmen, is to court a number of different groups before you commit yourself for life (or four years) to a single one. There is ample time here for exploration of all that Hampden-Sydney extends out to you, and no reason to rush into something so quickly and without careful thought. Take the time to discover your options and digest them before making your decision. Furthermore, you day one-ers, do not follow the crowd, which is perhaps the only thing more clueless at this moment than you alone. Take a good hard look around before you decide how you would like to spend your four years here.

That all being said, and quite well I hope, I welcome each of you to *The Tiger*. Our newspaper has been in print for a century now, and absolutely begs

for strong, fresh, and new writers, interviewers, investigators, cartoonists, columnists, editors, and formatters to give her an ever blooming record. Our Associate Editor, News Editor, Opinion Editor, and Business Manager are all sophomores, only one year (thus a whole lifetime) your seniors. There is vast opportunity here for those of you who wish to contribute to our Hampden-Sydney community in the very best way, by joining a century old Sydney tradition which actually has the power to CREATE community. We are so excited for you all to join us and help make Hampden-Sydney an even tighter and chummier place than it already is. But we cannot pass the baton to someone who is not standing at attention. Please, if you are interested, come meet us in the new Center for Rhetoric and Communication underneath Settle Hall, or come to one of our weekly meetings in the Brown Student Center, room 208.

Just as the Hampden-Sydney Class of 2020 needs pass the torch on to you, Class of 2023, so *The Tiger* needs fresh blood to ensure yet another century of life.

SPORTS

What to Expect from the NFL this Season

Wyatt West '21
Sports Editor

Football is back, baby! Two pre-season weeks have already concluded, and we have seen lots of hype around certain teams—as well as certain players. Not only that, but HBO’s “Hard Knocks” is documenting the Oakland Raiders’ Training camp. Of course, few things in the football world are more enjoyable than watching Antonio Brown

which individual players are making plays. The pre-season is all about individual evaluation for coaches.

See, in the regular season, teams have to hold a 53-man roster, but right now, most teams have around 90 players on their team, so all these poor guys have to lay their lives on the line every day for the next two weeks to try to land a job. The brilliant thing is that every year there are a few star players that come out

that will really make a difference for the whole league.

New England Patriots: In a sudden turn of events, the NFL has just reinstated Josh Gordon, so people should be even more scared of the Patriots now. Gordon has been Brady’s favorite target for just about the entire time Tom has actually gotten to play with Josh. In fact, Brady averages more yards per attempt (10.4) targeting Gordon than any other player during

The Kansas City Chiefs have the most electric offense in the league with Patrick Mahomes at the helm, but offense wasn’t their problem last year. The Chiefs’ defense was absolutely atrocious during the last season, and constantly relying on Mahomes’ cannon of an arm to keep them in the game is neither a consistent nor a reliable strategy for winning football games—especially against good teams. The Chiefs’ defense has to improve significantly from last year if the team is going to compete for a Superbowl. Unfortunately, the Chiefs didn’t do a lot in this year’s draft to help that endeavor.

Granted, depth is important, but the Chiefs are in need of some real playmakers if they are going to beat any team with an offense of a comparable caliber.

Los Angeles Rams: The Rams’ biggest question mark is Jared Goff. Goff had an outstanding season last year, so if he can play at a level of quality relatively equal to that of last year, the Rams will be a tough team to beat down the stretch. We all know Aaron Donald is the best player in football, and the Rams did just enough this offseason to keep the defense where it was last year by replacing players who didn’t re-sign with the team. However, most of their defensive players are only here for the very short term, so the Rams have only a couple more years with high caliber players who can help them win a Superbowl. This strategy entails big risks

but potentially big rewards, and the Rams have to do a lot of things right for their short-term investment to pay off. Of course, maybe getting lucky with some blown calls will help too.

"The Patriots will, without a doubt, be competing for another Superbowl this year if Brady keeps playing at an elite level."

Orleans Saints: Since the blown call in the NFC Championship game. The Saints still have a top-15 defense that is loaded with young playmakers, and the offense has only gained talent and filled crucial holes.

For example, Alvin Kamara is now the lead back as Mark Ingram ships off to the Baltimore Ravens. However, the biggest struggle for the Saints last year was a lack of weaponry in the slot. With the addition of Jared Cook,

"...if [Goff] can play at a level of quality relatively equal to that of last year, the Rams will be a tough team to beat down the stretch."

the Saints have more than enough firepower to score points in the Red Zone and convert crucial third downs. Not only did the Saints fill the only real hole on offense, Drew Brees (at age 40) is just coming off his best year

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a top 5 TE in the league, the Saints have more than enough firepower to score points in the Red Zone and convert crucial third downs. Not only did the Saints fill the only real hole on offense, Drew Brees (at age 40) is just coming off his best year

yet after leading the league in passer rating and an MVP-caliber season. In all, the Saints have all the tools and all the energy they need to have a real shot at winning the

Los Angeles Chargers: If the Chiefs can’t dethrone the Patriots as the dominant team in the AFC, then the Chargers have a real shot, although they are without fail plagued by an injury to a star on their team. This year, it’s safety Derwin James, who by all metrics was a top-3 safety in the league last year. Luckily, the Chargers drafted Nasir Adderley, a first-round talent, this year, so they have some insurance in the back half of the defense. Hunter Henry, a dominant young TE, is finally healthy and ready to contribute to a formidable offense. Along with Henry, Mike Williams, a first-round pick WR, has, like Keenan Allen, shown himself to be

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a reliable target for Philip Rivers to throw the ball to. The Chargers have all the pieces to take down the reigning champs and will be a hard team to beat this year.

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www.nytimes.com/2019/01/20/sports/saints-rams-call-officials.html

act like an absolute moron coupled with Jon Gruden making his players want to cry themselves to sleep.

This time of year presents a few key areas to focus. Given that it’s still pre-season, the goals of every team are slightly different. For example, pre-season games don’t matter in the sense of who wins the game, but rather

of nowhere. Rest assured; we can expect the same thing to happen this year.

Since football season is just getting started, I want to discuss what I think will be the most important X factors for what I think are the top 5 teams in the NFL this year. I’m not going to go through all 32 teams, because I want to focus on the factors

Brady’s career. That stat is significant because the Patriots just bullied the Rams in the Superbowl, and now Brady is getting the most productive target of his career back. The Patriots will, without a doubt, be competing for another Superbowl this year if Brady keeps playing at an elite level.

Kansas City Chiefs:

Business Ain't Boomin for Brown

Adam Lovelace '22
Guest Writer

Drafted in the sixth round as the 195th pick overall in 2010, Antonio Brown had humble beginnings in the NFL. In the early portion of his career, Brown proved himself to be a capable NFL receiver with a dogged work ethic and eventually came to be the most powerful offensive weapon in the NFL. In his first nine years as a member of the Pittsburgh Steelers, Brown caught 74 touchdown passes and collected a total of 11,207 receiving yards. Those numbers have him ranked 34th amongst the career leaders in the NFL. Brown’s unprecedented production over nine years left NFL experts baffled when his former team in Pittsburgh traded him to the Oakland Raiders for only a 3rd and 5th round pick.

Brown’s recent actions, however, have shed light on why the Steelers may have been so eager to ship him elsewhere. The drama began in Pittsburgh when reports surfaced that Brown was unhappy with the relationship he had with Steelers quarterback Ben Roethlisberger and even shared his displeasure about the topic on LeBron James’ TV show The Shop. Simply put, Brown felt that Roethlisberger was diffusing blame to other members of the Steelers without taking any of it upon himself. The discord between the two eventually lead Brown to request a trade out of Pittsburgh, and Brown eventually got his way. In a somewhat comical sequence of events, the Steelers shipped him off to NFL purgatory in Buffalo, to which Brown commented “Fake news” on an Instagram post breaking the story. Shortly after, the Buffalo Bills backed out of the agreement, which eventually lead to transaction with the Raiders.

Once Brown finally had been traded to team of his liking, he signed a brand-new contract with Oakland that garnered him \$30 million guaranteed upon signing, contrasted with the \$19 million he was set to make in Pittsburgh. So Brown was with a new team, a new quarterback, and a brand-new contract, and the Raiders had landed

the best receiver in football for practically nothing. On paper, the Raiders were set to seriously upgrade their roster and had expectations to make a playoff push with their new acquisition. However, the ship is not sailing quite as smoothly for the Raiders as they might have hoped it would.

In an Instagram post, Brown revealed to the football world an image of his seriously mangled feet with calluses and peeling skin but failed to mention the reason for the condition of his feet. The truth eventually surfaced when it was discovered that Brown injured is feet not on the field but while in a Cryotherapy chamber without the proper footwear. Cryotherapy chambers reach temperatures as low as -240 degrees Fahrenheit. It is clear as to why the receiver’s feet looked the way they did. However, the incident does leave a nagging question; how is it possible that he would neglect to wear the proper footwear? It is quite plausible that Brown has used Cryotherapy before, and it is reasonable to think that the on-site staff

wherever he was using it could have shown him how to safely use the machine. That question remains unanswered, but it did seem to be a large concern for the Oakland Raiders. They just wanted their superstar to get healthy soon.

"Brown's recent actions, however, have shed light on why the Steelers may have been so eager to ship him elsewhere."

With support from head coach John Gruden and gener-

thirteen-year journalist for Sports Illustrated, broke the story on Brown’s absence. The full thread can be found on his Twitter page, @mikesilver, but in short, Brown was displeased about an NFL policy that banned the style of helmet worn by the receiver because it failed the League’s safety standards. The story detailed Brown’s multiple attempts to wear his banned helmet to practice after repeatedly being told the helmet was illegal. Instead of simply changing to an approved helmet, Brown retaliated.

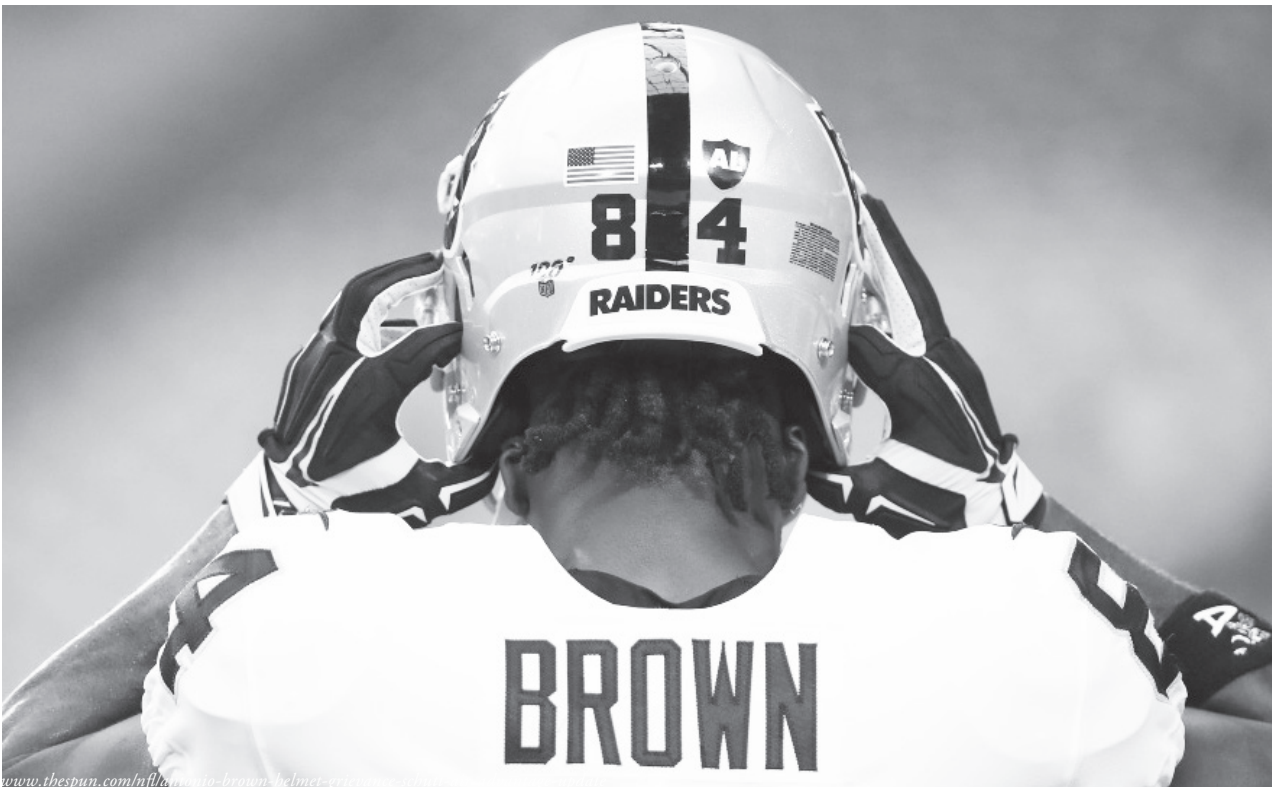
helmet, offering a signed and worn Raiders helmet to anyone who had his desired helmet. Brown had found a loophole; if the helmet was manufactured after 2010, he could continue to wear his preferred helmet. The league quickly closed this loophole, stating that even though the helmet was manufactured after 2010, it still did not meet the safety standards.

Brown filed yet another grievance, further prolonging his absence from Raiders training camp. The League again

participating in a new helmet have also surfaced, so Brown seems to be all in with the Raiders. But the story might not be over. All Brown’s off-season antics raise the question of whether his presence will help or hinder this Raiders team and whether his absence in Pittsburgh will help the team improve. We cannot be certain until the season starts on September 7th.

What is certain is this: Brown seems to be a “me” person instead of a team person. All his off-season antics relate to his pleasure and have shown no sacrifice for the betterment of his new team. On the HBO television show Hard Knocks: Training Camp with the Oakland Raiders, Brown openly boasts about his own work ethic, not his chemistry with the team or excitement about the franchise’s future. Browns talent cannot be questioned, but his commitment and locker room presence can be. How will his behavior affect some of the young rookies on the team, and how will it play with his teammates? Former teammate and retired Pittsburgh Steeler James Harrison recently appeared on First Take, commenting that it was time for Brown to “give it up” and start playing football. Leveon Bell, another former teammate, also exited Pittsburgh and has disagreed with Brown’s actions saying “it’s a rule” that Brown needs to follow. A current teammate also expressed displeasure of the helmet saga saying, “it’s the craziest thing I’ve ever seen” and expressed confusion as to why the helmet was so important to him.

With Raiders fans holding out hope that the drama will end with the start of the regular season, Steelers fans are beside themselves with the decision to let the receiver go. Regardless, Brown’s behavior moving forward could shed light on the amount of success this Raiders team will have. Personally, it is not unfathomable to think that Brown’s presence could hinder the hopes of the Oakland Raiders.



www.thespun.com/nfl/antonio-brown-in-the-back

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al manager Mike Mayock, the injury was perceived as an unfortunate accident but later snowballed into much more. Brown stopped arriving to the Raiders’ offseason training camp and lost out on a crucial opportunity to build a rapport with starting quarterback Derek Carr. Shortly after, a story broke saying that Brown had gone “radio silent”; the Raiders were uncertain as to where Brown was or what he was doing.

The general belief was that Brown was holding out until he found out how to properly care for his wounded feet. Instead, however, the reasoning for Brown’s absence was truly bizarre. Mike Silver, a

He filed a grievance against the League to keep his helmet, stating that the new models obstructed his vi-

"Brown stopped arriving to the Raiders’ offseason training camp and lost out on a crucial opportunity to build a rapport with starting quarterback Derek Carr."

sion, even going as far to claim he would hold the League accountable if had any serious head injuries following the helmet change.

The League promptly denied his appeal, forcing him to change helmets. This was followed by Brown taking to Twitter to find an approved

quickly denied the appeal, and Brown was left with no option to wear the helmet, even after telling the team that he would retire if he was not allowed to wear his helmet. General manager Mike Mayock commented on Brown’s constant absence following the second grievance, saying that Brown needed to be “all in or all out” after the raiders had “exhausted all avenues of relief.”

Finally, the dust seems to have settled as Brown has returned to practice and John Gruden says “he’s all in with a new helmet.” Despite the videos that have surfaced showing Brown exiting practice when helmets came on, reports that Brown was fully

STUDENT RESEARCH

Delivering IGF-1 with Electrospinning

Alexander Washington '21
Guest Writer

I came into Hampden-Sydney College with the intention of dedicating my time here to preparation for medical school. However, I soon found that wanting to do “medicine” went way deeper than simply getting an M.D. Thanks to the careful guidance of Dr. Fischer and Dr. Hargadon, I have gained many chances to explore where my interests lie in the medical field. This past spring semester I was given the opportunity to shadow the doctors working in the hematology lab at Centra, introducing me to the field of pathology (working with tissues and diseases). As I researched this field, I began to develop more of an interest in working with smaller cells in in vitro experiments. To gain a better idea for what some of the tasks working with cells might be like, I decided to take up a research project with Dr. Fischer that revolved around tissue engineering and mutating the DNA of bacterial cells.

Tissue engineering is a field of medicine that grows grafts of cell cultures in vitro with the intention of replacing the tissue lost in the human body. This is commonly done to treat burn victims by creating a graft from skin on another part of the body and putting it in place of the area of lost tissue. For more complex injuries, scaffolds can be used to give grafts the proper structure to fill in the missing tissue. Using this concept as a basis for the project, the goal of my research was to successfully create a scaffold through electrospinning to successfully deliver the protein Insulin Like Growth Factor-1 (IGF-1) into myoblast, which are the stem cells of skeletal muscle tissue that mature into muscle fibers. I handled skeletal muscle cells because it is currently extremely difficult to get maturation to occur

in myoblasts and give them a structure that withstands the stress of the human body. Since IGF-1 has a signaling process through the intercellular membrane that initiates protein synthesis, the end goal of this project would be that this response is activated in the skeletal muscle tissue cultures, causing them to grow in proper alignment along the scaffold. Taking on this project meant I would be learning techniques I was not familiar with.

Although the summer involved learning various new techniques, I would

order to get IGF-1 protein, I had to genetically modify e. coli to express it in large quantities. The way I went about this was by creating a vector that contained the IGF-1 gene and inserted it directly into the bacteria's DNA. This process required the proper use of polymerase chain reactions (PCR), cell culturing, and an understanding of gel electrophoresis. All these concepts are covered in general biology and genetics, but I felt more of an appreciation for them when they helped me in my research. Honestly, not being



Source: Alexander Washington

able to infinitely replicate my DNA strands with PCR would have made the entire project much more difficult to complete. Having the experience this summer improved my skills working with these techniques. Ultimately, I only finished a part of the project due

to the number of tasks that I needed to complete. I had successfully introduced IGF-1 into the e. coli and got it to be expressed, but I was not able to get it purified for use. Also, I had made many scaffolds using 2,2,2-trifluoroethanol but struggled getting the microfibers to align properly. However, this research had encouraged me to keep working toward a goal of medical work with cell cultures as the experience I had was enriching and insightful. To the freshmen coming in this year interested in the field of medicine, I would recommend taking on a research project over the summer as you gain a better understanding of the things you learned from the textbook and professor. Using the skills I gained over the summer, I hope that I will be able to enrich my learning experience for the remainder of my time here at Hampden-Sydney College.

When I worked with IGF-1, I got to see how the application of techniques learned in general biology, genetics, and chemistry mattered in bigger projects. In

have to say the most interesting part of my research this summer with this project was making a scaffold that had proper alignment. The reason for electrospinning was that the opposing charges between the mandrel and scaffold material would make aligned micro-fibers when spun at a high rpm. As a result, I had to constantly troubleshoot on the experiment, checking the voltage running through the syringe, adjusting the speed of the mandrel, and understanding the basic chemistry of the solution I was using. Knowing the chemicals I was working with gave me an introduction to biochemistry as I got to see what would affect secondary structures of proteins and how proteins would be altered by it. Having a hands-on experience with this project allowed me to properly apply skills from the classroom.

gies are working to get the mass to hp output of electric motors equivalent to that of engines. Once motors were found with the best mass to hp ratio, batteries were found in order to run these motors. Given the battery motor setup and the mass of this system the approximate mass of the aircraft could be determined. This was done using current industry estimates which place the mass of the motor battery system at about 22% the mass of the aircraft. Finally, once the mass of the aircraft was found the necessary coefficient of lift was

calculated using code. From this, using the previous airfoil code, I could determine which four-digit NACA airfoils would produce this specified coefficient of lift.

Finding the NACA airfoils that produce a specific coefficient of lift based solely on the aircraft's motor to battery mass ratio is the first step in determining the feasibility and design of electric aircraft. The fact that there are NACA airfoils that actually produce these necessary coefficients of lift is an exciting step in the right direction and, with further investigation into wing

design, hopefully one day this will lead to the most efficient electric aircraft possible.

I would like to thank Dr. 'Trey' Thurman for his extensive help in this research.

Why Did LIBOR Fail?

Andrew Jamison '22
Guest Writer

In the spirit of honesty, I will admit that when I arrived at Hampden-Sydney, I had no intention of doing research during my time here. As an Economics and Business major, I thought it wouldn't help me much in the real world. From day one of my arrival, I was very focused on building my resume and skill set with career-centered internships and activities, and shied away from academia. After my introductory economics classes, and joining several business clubs on campus, something came to me that really piqued my interest. I had many debates about whether or not it was easier to raise a family in the 1970's-1980's or today, and exactly why that would be. I was eager to look into this issue more deeply, but it would require such a large amount of time and work that I wouldn't feasibly be able to do it on the side during school. I then chose to enroll in Dr. Isaacs' economics research course to prepare for a summer project. As the semester went further on, I was faced with the unfortunate reality that this question could not be definitively answered. I was disappointed, as I hadn't applied for any internships at that point, and couldn't do my original question. Not long after this, one of my mentors, a more senior friend of mine, posed a question to me about LIBOR (London Inter-Bank Offered Rate), and it's failure/phasing out. I decided to look further into the matter, and found I had a number of questions I wanted

answered. The two most important questions were as to exactly how LIBOR 'failed,' and how to replace it. Still unsure, I reached out to peers for their opinions on whether or not I should take this on for research. Both Dr. Isaacs and several mentors suggested venturing onward, so I chose to. My final research question was 'Why Did LIBOR fail,

tral-bank issued bond rates. During my time here this summer, I was able to take advantage of talking with several professors about my project. The freedom you have to learn and dive deeply into subjects by yourself, and with your peers and professors is a greatly underappreciated benefit of research. I do not plan on doing summer research in the future,



however I will likely continue to actively pursue these types of in-depth questions, and write research papers on my own time, as it truly is a rewarding and enlightening experience. Going further, I would like to note that you gain knowledge not only in your niche area of study, but in a variety of worldwide events. As a result,

and What Could Replace it?' this is a very difficult, broad question to answer. My thesis waived between the original question and just the first half: 'Why Did LIBOR Fail?' I honestly did not go into the research project expecting to be able to answer my question as it was incredibly complicated and the greatest minds in the world have been looking for an answer for far longer than just a summer.

After months of various failed solutions, a very simple idea for a solution popped into my head. After further research, it appeared that the simple idea would indeed work, and it turned out that I'd wasted the months spent on trying to think of an over-complicated, out of the box solution. I was able to theoretically replace the benchmark LIBOR served as with cen-

you gain a much deeper understanding of the world around you, and even events discussed in the classroom. I would strongly recommend research to students of all majors, especially those of the social sciences. Some of the best works and most influential pieces throughout history have been found and researched through observation of literature and real-world events, in both natural sciences and social sciences. It's important to note that research does not have to be done in a lab, per se. The possibility that you may not be analyzing something with a quantitative answer should not deter you from pursuing it.

The Future of Flight

Christopher Zoller '20
Guest Writer

The original intent in my research was to delve deeper into the nascent idea of electric flight. Air travel is one of the most common ways for people to travel vast distances in the modern world; it is fast and convenient, which is why it is a billion dollar a year industry and is crucial to the global economy. However, air travel produces carbon emissions which are increasingly harmful to the environment. In a New York Times article from 2013, author Elisabeth Rosenthal estimated that for each flight from LA to NY or NY to Europe the average carbon emission “has a warming effect equivalent to 2 or 3 tons of carbon dioxide per person” (Rosenthal). This shows how impactful one flight can be to the Earth's atmosphere and to the progression of climate change. Because flight is so common and frequent, these emissions continue to get worse daily and will only work to further enhance climate change. Along with this fact, in the near future humanity will run out of fossil fuels (unless some emerging technology comes along to replace them) as we are using them faster than they can be produced, and industries must adapt to this change. The solution to these inevitable realities is one that has already made waves in the auto industry and is soon to make waves in the airline industry: hybrid and fully electric machines. With the advent of hybrid and electric automobiles in the market, the airline industry is not far behind. The science required for this advent is on the brink of over-

turning the industry; research into its abilities and capabilities are crucial to its fruition. The initial research question I looked at was simply this: are electric aircraft feasible with the current technology; and, if so, what would the design of such an aircraft look like? Starting with the question and doing as much background re-



Source: Christopher Zoller

search as I could, I decided to create a MATLAB code using the equations governing what are called the NACA four-digit airfoil series. By doing this I gave myself a set of airfoils, essentially two-dimensional wing designs. From there, with further coding, I could determine parameters necessary for flight, most importantly lift values and coefficient of lift values. After this was done came the most diffi-

cult part of the research. This included finding and coding in a way to determine two-dimensional lift on a specific airfoil based on its shape. The difficulty in this step comes from the fact that in order to do this computationally one must understand a plethora of mathematics concerning complex variables, linear algebra, and summations.

While researching differing solutions to this problem I stumbled across a method known as the Hess-Smith panel method. In this method the two-dimensional airfoil is broken into panels where what are called the source and vortex strengths are calculated at each panel and, once this is done, these values are summed up to determine the source and vortex strength over the entire airfoil. From here, with a little more math, the values such as lift, drag, and the coefficients of lift and drag can be determined. Luckily, I found a code already written to do this online, but I had to adapt it in order to work with my airfoil code. This was burdensome, as breaking down a code written by someone else and making it fit a code one has already written is a meticulous process. I eventually got the code to work with my code and to produce coefficients of lift values that were surprisingly close to the experimental values found during research. This was the initial step in determining what the design of an electric aircraft would look like. From here more research needed to be done to determine what goes into making a plane fly and how this relates to an electric aircraft. The most important aspect here is

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OPINION



www.politico.com/magazine/story/2019/06/26/2020-democratic-presidential-candidates-227211

Democrats Need to Agree on a Strategy

Lucio Chavez '22
Opinion Editor

The heat is on for 2020 and the Democrats are eager to take down President Trump on Nov. 3, 2020. With a total of 21 candidates running to receive the Democratic Nomination, many are beginning to speculate which of these candidates can be strong enough to carry the mantle and prevent four more years of the Trump Presidency. However, with so many candidates it is becoming more difficult to determine who that candidate could be.

With the top five candidates (Joe Biden, Bernie Sanders, Elizabeth Warren, Kamala Harris, and Pete Buttigieg) gaining the most media coverage over the past months, it has become difficult for the rest of the crowded field to gain nationwide recognition. For

many of these lesser known candidates, the Democratic debates have become their opportunity to make a name for themselves in the race.

Many of these lower ranking candidates have gained recognition by attacking the records of the top tier candidates; such as Hawaii Rep. Tulsi Gabbard when asked about her reaction to Sen. Harris' accusations that VP Biden is a racist. Gabbard confronted Harris' record as a prosecutor by stating that she is deeply concerned about Harris' record. She continued to say that as Attorney General of California, Harris incarcerated over 1,500 people for marijuana violations and then "laughed about it when she was asked if she ever smoked marijuana." The other top four candidates have also felt the attacks from those who are still trying to make a name for themselves; rivalries like

Gov. John Hickenlooper, who recently dropped out of the race, and Rep. John Delaney attacking Sen. Bernie Sanders on his leftist policy proposals.

From the start of the primary race through the first debate night in June, most heard from the candidates was replacing Pres. Trump and his policies. However, from the minute that the first debate night aired on national television, finger pointing moved from Pres. Trump to each of the candidates. President Trump's policies were concealed, and the past records of the candidates were let loose. What could be worse is that very little was talked about the depths of the policy proposals from the presidential candidates.

Maybe Speaker Nancy Pelosi was right, and candidates should move the focus from President Trump and more towards on what

the Democrats have to offer to the American people; or maybe the candidates should speak more on what the current President is enacting and how they will fix the problems they claim

erators of the debates. The way that the rules are placed by NBC and CNN encouraged the candidates to combat each other in the debate stage; the more a candidate attacks the political points

Proposals such as Michael Bennet's proposal to eliminate child poverty, Kamala Harris' lift act (a bill that will attempt to close the wealth gap) Andrew Yang's UBI policy, and many other proposals that have received no attention in the debate stage; mostly because these plans are not largely unpopular within one side of the Democratic Party holds and the other side agrees with.

Of course, we should expect arguments between the candidates, especially in a race this big, but we should also hear more about what the candidates are proposing for the American People. The Democratic candidates need to shift the focus from a fighting room and not be scared to face the moderators on such actions.

" Maybe Speaker Nancy Pelosi was right, and candidates should move the focus from President Trump and more towards on what the Democrats have to offer to the American people "

have been enacted by President Trump.

What could be at fault for the divisiveness between the liberal and leftist side of the party, Ezra Klein of Vox describes, could be the mod-

of another, the more airtime such candidate received, and, as described before, lesser known candidates are in need of the extra time interval in order to receive more national recognition.

Movies of Summer 2019: The Best and the Worst

Robert D. Morris III '20
Resident Movie Critic

The best movie of the summer is Quentin Tarantino's *Once Upon a Time...in Hollywood*. The worst movie of the summer was *The Lion King*. In fact, I consider the two films to be antitheses of each other.

Where Once Upon a Time revels in the chicness of Old Hollywood, *The Lion King* is crippled by the trappings of the modern cinema landscape. "The modern cinema landscape"... I need to tone it down a bit. I'm sorry. Let's get into the movies, starting with the good.

This is Quentin Tarantino's 9th feature film, and I honestly think that it is one of his best. Maybe it is just because I am a senior and am feeling a bit nostalgic, but I found the idea of an aging and burnt out actor at the end of his career to resonate deeply with me. DiCaprio captures

the sadness and charm of the main character brilliantly, and it is clear that he is having lots of fun. That's what is so great about *Once Upon a Time*; the movie and everyone involved is obviously having a blast. Tarantino delights in exploring the tropes, colors, and music of 1960's Hollywood. "

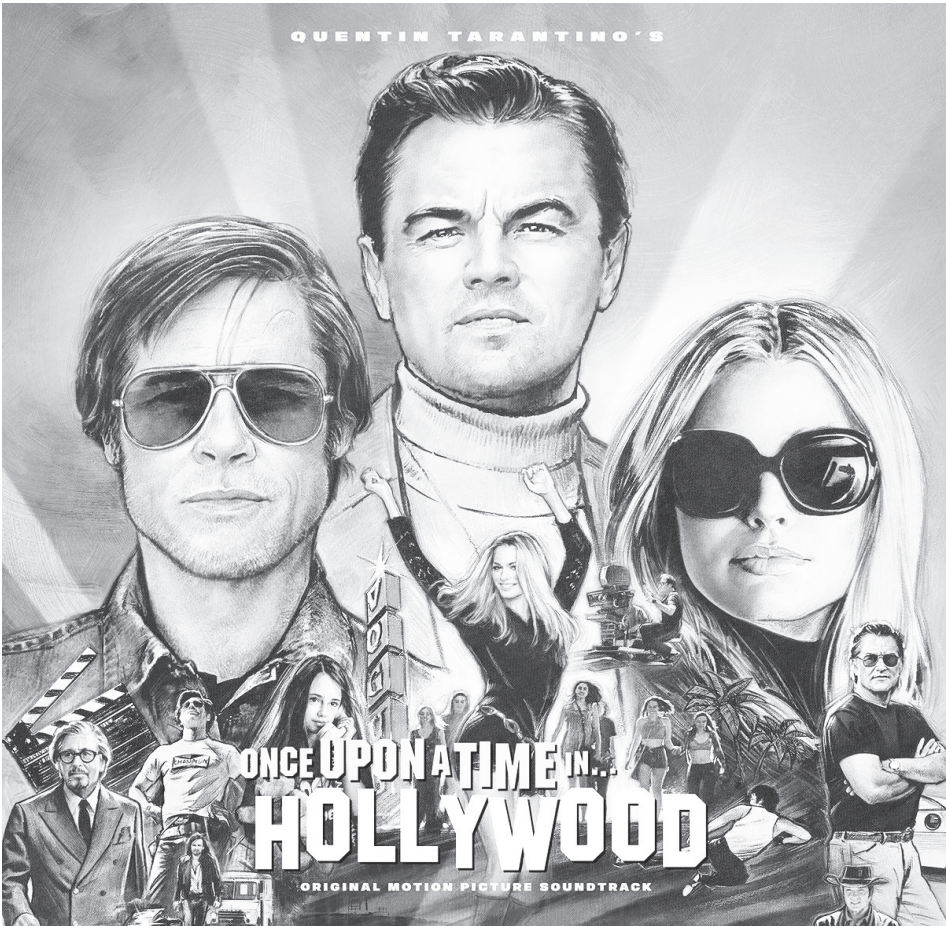
Pitt easily pull off a superficial L.A. friendship that has escaped professionalism into something real. Margot Robbie, when she is in the movie, is a treat as is Sharon Tate. Throughout the film, she plays around with the ditziness of a starlet. She seems to walk around barefoot a lot, too. I wonder why. That would be my one criticism of the film...no not the feet (though I am into that), but rather the lack of Margot Robbie. She is a great actress, and I would have loved to have seen more of her than of Sharon Tate. For someone who is on the poster, she is in (maybe) 15 minutes of the movie, which runs for about three hours.

Ok, maybe that would be another criticism; the movie is a touch too long. Despite that, however, the ending made up for it. The history-rewriting end of the film is classic Tarantino through and through. It is euphoric. You absolutely must see *Once Upon a Time...in Hollywood*.

Where *Once Upon a Time* re-wrote history, *The Lion King* was doomed in that it tried to repeat it.

the deal: *The Lion King* is a gorgeous movie. It is a marvel of technology, and I often felt overwhelmed-

" Where *Once Upon a Time* re-wrote history, *The Lion King* was doomed in that it tried to repeat it.



ed by the scale of it. But I can't help but feel hollow having watched it. The movie is a façade. The film is nothing more than a cheap recreation with a glossy finish. The CGI is so good that it takes away from the magic of animation. The new film has none of the expressiveness of the original. It just looks like a lion, not an actual character. Voicing my frustration with a technically proficient film is difficult, but I think I know how to explain it. Imagine your first stuffed animal, a symbol of your childhood. That thing was precious to you. Now imagine that you are growing up, and that toy has gotten worn and used.

Your mom offers to buy you a new one. But here's the thing. You hate the new one. Even though it is better, and shinier and more expensive. You hate it. You can't explain why. I can though, it is because it is not your toy. It will never be your toy. Not the same one you lived with and played with.

In fact, you are insulted by its attempt to disguise itself as your old toy. *The Lion King* does exactly that. *The Lion King* insults me. I wanted to like this movie. I wanted to give it a chance, but they really disappointed me; they made the same movie. "

know any better and that kind of pisses me off. They think because they make a lioness sound like Beyoncé, they already have a great movie. Here's the thing though; the celebrity voices are distracting and take me out of the film. They don't change anything and the changes they do make worsen my experience. This movie is a stain on the original and it should be ashamed to exist. For me, *The Lion King* was my least favorite film of the summer because it feels so unnecessary. The film is just so pointless and hollow. I see the film as the antithesis of creativity and that is why it is the worst film of the summer.